

Product datasheet for SC119507

RPL39 (NM_001000) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL39 (NM_001000) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL39
Synonyms:	L39; RPL39P42; RPL39_23_1806
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119507 sequence for NM_001000 edited (data generated by NextGen Sequencing) ATGTCTTCTCACAAAGACTTTTCAGGATTAAGCGATTCTGCGCAAGAAACAAAAGCAAAT CGTCCCATTCCCCAGTGGATTTCGGATGAAAACACTGGAAATAAAATCAGGTACAACCTCCAAA AGGAGACATTGGAGAAGAACCAAGCTGGGTCTATA

Clone variation with respect to NM_001000.2

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001000 unedited NGGAAGCCGTACAAAATTTTGTAAACGACTCATATAGGGCGGCCGGAATTCGCACGAGG CCTCGTGCCGAATTCGGCACGAGGGTGTGTTCTTGACTCCGCTGCTCGCCATGTCTTCTC ACAAGACTTTTCAGGATTAAGCGATTCTGCGCAAGAAACAAAAGCAAATCGTCCCATT CCCAGTGGATTTCGGATGAAAACACTGGAAATAAAATCAGGTACAACCTCCAAAAGGAGACATT GGAGAAGAACCAAGCTGGGTCTATAAGGAATTGCACATGAGATGGCACACATATTTATGC TGTCTGAAGGTCACGATCATGTTACCATATCAAGCTGAAAATGTCACCACTATCTGGAGA TTTCGACGTGTTTCTCTCTGAATCTGTTATGAACACGTTGGTTGGCTGGATTCAGTAA TAAATATGTAAGGCCTTTCTTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACTCGACT CTAGATTGCGGCCGCGGTATAGCTGTTTCTGAAACAGATCCCGGTGGCATCCCTGTGA CCCTCCCAGTGCCTCTCCTGGCCCTGGAAGTTGCCACTCCAGTGCCCACCAGCCTTGT CCTAATAAAATTAAGTTGCATCATTTTGTCTGACTAGGTGTCCTTCTATAATATTATGGG GTGAGGGGGTGGTGTATGGGAACAAGGGGCCAACTTGGGAAAACAACCCGCAGGGCCTG CGGGGTCTATTGGGAACCAAGCTGGAGTGCAGTGGCACAATTCTGGGTTTATTGCAACCT CCGTTCTCCGGGGTTAAGCGAATTTTTTTGCTTAACCCCAAGTTGTGGGAATTCA GGTTGTGTGACCCGGCTAAGCCAATTTTGCTTT
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3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001000 unedited</p> <pre>GCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAAAAA GGCCTTACATATTTACTGAATCCAGCCAACCAACGTGTTTCATAACAGATTCAGAGAG GAAAACACGTCGAAATCTCCAGATAGTGGTGACATTTTCAGCTTGATATGGTAACATGAT CGTGACCTTCAAACAGCATAAATATGTGTGCCATCTCATGTGCAATTCCTATAGACCCA GCTTGGTCTTCTCCAATGTCTCCTTTTGGAGTTGTACCTGATTTTATTTCCAGTTTTCA TCCGAATCCACTGGGAATGGGACGATTTTGCTTTTGTCTTTGCTTTGGCCAGGAATCGTTAA TCCTGAAAGTCTTGTGAGAAGACATGGCGAGCAGCGGAGTCAAGAACACACCCTCGTGCC GAATTCGCGCACGAGGCCCTCGTGCCGAATTCGCGGCCGCCCTATAGTGAGTCGTATTACAA AATTCTGACGGTTCACATAACGAGCTCTGCTTATATAGACCTCCACCGTACACGCCTAC CGCCCATTTGCGTCAACGGGGGGGGTTATTACGACATTTGGAAAGTCCCGTTGATTTT GGTGCCAAAACAACTCCATTGACGTCATGGGGTGGAGACTGGNNAATCCCGTGAGT CAAACCGTATCCACGCCATTGGTGTACTGCCAAAACCGCATCACCATGGGAATAGCGA TGACTAATACGTAATGTACTGCCAAGTAGGAAAGTCCCGTAGGTCATGTACTGGGCATA ATGCCAGGCGGGCCATTTACCGTCTTTGACGTAATGGGGGCGGACTTGGCTAGAAACCCT TGAGGACTGGCAGTGGGCAATTTACCGAAATCCCCCCCCTTGACGCAATGGGAAGCCTAT TGGCGTACATGGGAACTACGCATATTGCCCATGGGCGGGGGCCTGGG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_001000
Insert Size:	470 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001000.2, NP_000991.1</u>
RefSeq Size:	401 bp

RefSeq ORF: 156 bp

Locus ID: 6170

UniProt ID: [P62891](#)

Cytogenetics: Xq24

Protein Pathways: Ribosome

Gene Summary: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the S39E family of ribosomal proteins. It is located in the cytoplasm. In rat, the protein is the smallest, and one of the most basic, proteins of the ribosome. This gene is co-transcribed with the U69 small nucleolar RNA gene, which is located in its second intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]